

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hang Zhang</td> <td>05/24/2013</td> </tr> <tr> <td>Ho-Ting Cheng</td> <td>06/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hang Zhang	05/24/2013	Ho-Ting Cheng	06/13/2013
Name	Execution Date						
Hang Zhang	05/24/2013						
Ho-Ting Cheng	06/13/2013						
RECEIVING PARTY DATA							
Name:	FutureWei Technologies, Inc., ("FUTUREWEI")						
Street Address:	5340 Legacy Drive						
Internal Address:	Suite 175						
City:	Plano						
State/Country:	TEXAS						
Postal Code:	75024						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13920764</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13920764		
Property Type	Number						
Application Number:	13920764						
CORRESPONDENCE DATA							
Fax Number:	9727329218						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	972 732 1001						
Email:	docketing@slater-matsil.com						
Correspondent Name:	Slater & Matsil, L.L.P.						
Address Line 1:	17950 Preston Road, Suite 1000						
Address Line 4:	Dallas, TEXAS 75252						
ATTORNEY DOCKET NUMBER:	HW 81081981US02						
NAME OF SUBMITTER:	Wendy Saxby						
Signature:	/Wendy Saxby/						
Date:	06/18/2013						
Total Attachments: 2 source=41F9378#page1.tif source=41F9378#page2.tif							

CH \$40.00 13920764

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

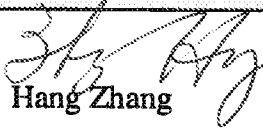
WHEREAS, FutureWei Technologies, Inc. ("FutureWei"), a corporation organized and existing under the laws of Texas, with its principal office at 5340 Legacy Drive, Suite 175, Plano, TX 75024, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said FutureWei, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said FutureWei, as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to FutureWei, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said FutureWei, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said FutureWei, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	System and Method for Estimating an Effective Bandwidth			
SIGNATURE OF INVENTOR AND NAME	 Hang Zhang	Ho-Ting Cheng		
DATE	May 24, 2013			
RESIDENCE (City, State)	Nepean, Ontario Canada	Stittsville, ON Canada		

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

WHEREAS, FutureWei Technologies, Inc. ("FutureWei"), a corporation organized and existing under the laws of Texas, with its principal office at 5340 Legacy Drive, Suite 175, Plano, TX 75024, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said FutureWei, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said FutureWei, as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to FutureWei, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

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IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	System and Method for Estimating an Effective Bandwidth			
SIGNATURE OF INVENTOR AND NAME	Hang Zhang	Ho-Ting Cheng <i>[Signature]</i>		
DATE		Jun 13, 2013		
RESIDENCE (City, State)	Nepean, Ontario Canada	Stittsville, ON Canada		